



PATENTS
112056-0002
P01-1011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)	
John K. Edwards et al.)	
)	Examiner: Hong Chong Kim
Serial No.: 10/027,634)	
)	
Filed: December 21, 2001)	Art Unit: 2186
)	
For: FILE SYSTEM DEFRAGMENTA-)	
TION TECHNIQUE VIA WRITE)	
ALLOCATION)	
		Cesari and McKenna, LLP
		88 Black Falcon Avenue
		Boston, MA 02210
		June 23, 2005

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Commissioner for Patents
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Sir:

INFORMATION-DISCLOSURE STATEMENT

In keeping with the duty of candor and good faith owed to the Patent and Trade-mark Office, Applicants wish to bring to the Examiner's attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

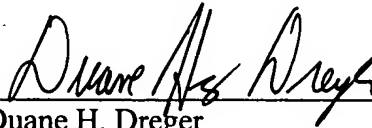
To the extent required by 37 C.F.R. §1.98(a)(3), Applicants have described what they consider to be the relevance of any foreign-language reference. The Office may find additionally relevant material in these or other references.

PATENTS
112056-0002
P01-1011

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Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Duane H. Dreger", is written over a horizontal line.

Duane H. Dreger

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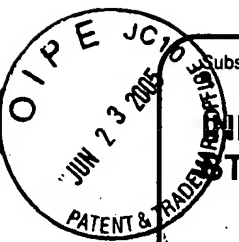
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **5**

Complete if Known

Application Number	10/027,634
Filing Date	December 21, 2001
First Named Inventor	John K. Edwards et al.
Group Art Unit	2186
Examiner Name	Hong Chong Kim
Attorney Docket Number	112056-0002

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	Re. 34,100		Hartness	10-13-1992	
	2	4,156,907		Rawlings, et al.	05-29-1979	
	3	4,399,503		Hawley	08-16-1983	
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Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	19	WO	89/10594		Krakauer, Arno	11-02-1989		

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			Group Art Unit	2186	
			Examiner Name	Hong Chong Kim	
Sheet	2	of	5	Attorney Docket Number	112056-0002

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	20	Administration Guide found at http://www.openafs.org/pages/doc/AdminGuide/auagdg010.htm , visited on 3/2/2005	
	21	BASILICO, ET AL., <i>Error Correction System Using "Shadow Memory,"</i> IBM Technical Disclosure Bulletin, May 1984, pp. 5792-5793	
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	34	HITZ, DAVE ET AL., <i>File System Design for an NFS File Server Appliance</i> , Technical Report 3002, Rev. C395, presented Jan. 19, 1994	
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		Filing Date	December 21, 2001
		First Named Inventor	John K. Edwards et al.
		Group Art Unit	2186
		Examiner Name	Hong Chong Kim
Sheet 3 of 5	Attorney Docket Number	112056-0002	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published:	T ²
	35	HOWARD, JOHN H, ET AL. <i>Scale and Performance in a Distributed File System</i> , Carnegie Mellon University, CMU-ITC-87-068, Aug. 5, 1987	
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	38	<u>The IBM System/38</u> , Chapter 8, pp. 137-15	
	39	ISOMAKI, MARKUS, <i>Differentiated Service for the Internet</i> , Department of Technical Physics and Mathematics, May 9, 1998	
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	49	MULLER, KEITH, ET AL., <i>A High Performance Multi-Structured File System Design</i> , In Proceedings of the 13th ACM Symposium on Operating Systems Principles, October 1991, pp. 56-67	
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	50	OUSTERHOUT, JOHN K. ET AL., <i>The Sprite Network Operating System</i> , Computer Science Division, Department of Electrical Engineering and Computer Sciences, Univ. of CA, Berkley, Nov. 19, 1987	
	51	OUSTERHOUT, JOHN ET AL., <i>Beating the I/O Bottleneck: A Case for Log-Structured File Systems</i> , Technical Report, Computer Science Division, Electrical Engineering and Computer Sciences, University of California at Berkeley, October 30, 1988	
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	55	PATTERSON, D., ET AL., <i>A Case for Redundant Arrays of Inexpensive Disks (RAID)</i> , SIGMOD International Conference on Management of Data, Chicago, IL, USA, 1-3 June 1988, SIGMOD RECORD (17)3:109-16 (Sept. 1988)	
	56	PETERSON, ZACHARY NATHANIEL JOSEPH, <i>Data Placement for Copy-on-Write Using Virtual Contiguity</i> , University of CA, Santa Cruz, Master of Science in Computer Science Thesis, September 2002	
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	59	ROSENBERG, J., ET AL., <i>Stability in a Persistent Store Based on a Large Virtual Memory</i> , In <i>Security and Persistence</i> , Rosenber, J. & Keedy, J.L. (ed), Springer-Verlag (1990) pp 229-245	
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Examiner Signature	Date Considered
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Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>		<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/027,634</td> </tr> <tr> <td>Filing Date</td> <td>December 21, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>John K. Edwards et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>2186</td> </tr> <tr> <td>Examiner Name</td> <td>Hong Chong Kim</td> </tr> <tr> <td>Attorney Docket Number</td> <td>112056-0002</td> </tr> </table>		Application Number	10/027,634	Filing Date	December 21, 2001	First Named Inventor	John K. Edwards et al.	Group Art Unit	2186	Examiner Name	Hong Chong Kim	Attorney Docket Number	112056-0002
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	64	SANTRY, DOUGLAS S., ET AL., <i>Deciding When to Forget in the Elephant File System</i> , Operating Systems Review, 34(5), (Dec. 1999) pp.110-123	
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	67	SATYANARAYANAN, M., ET AL., <i>Coda: A highly available file system for a distributed workstation environment</i> Carnegie Mellon University, CMU-ITC.	
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	71	User Guide found at http://www.openafs.org/pages/doc/UserGuide/auusg004.htm , visited on 3/2/2005	
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